Hyperlipidemia Provider Reporting Tool

Created By
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505-857-0871

Hyperlipidemia Provider Reporting Tool

- PC Database (MS Access)
- Integrates CHCS & ADS Data
- Identifies High Risk Patients
- Tracks Cholesterol Control & Management
- Follows NCEP ATP III & ADA Guidelines

System Requirements

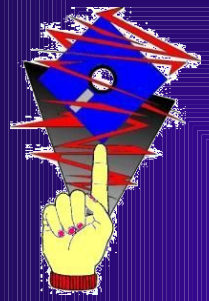
- MS Access 97 or 2000 *Fully Installed*
- Windows 95, 98, ME or NT
- 64 MB RAM Minimum
- 350+ MB Available Disk Space

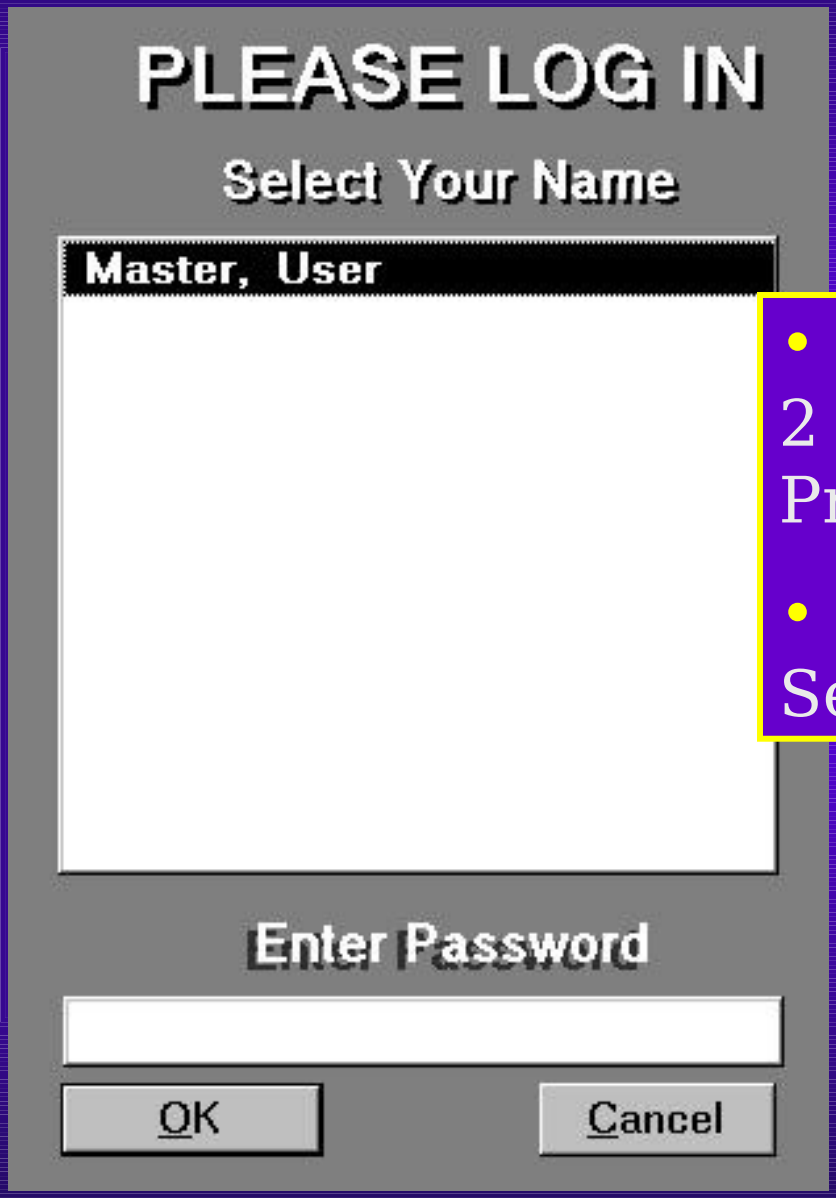
Personnel Requirements

1. Project Leader: Committed Officer To Overcome Challenges & Deploy Reports
2. Information Systems Specialist: Load/Run TMSSC Written Ad Hocs & Business Objects Routines
3. Primary End User: Load Software & Data; Coordinate Data Needs With IS; & Produce Reports

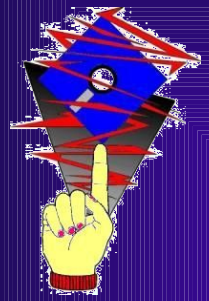
Hyperlipidemia Provider Reporting Tool 2.0

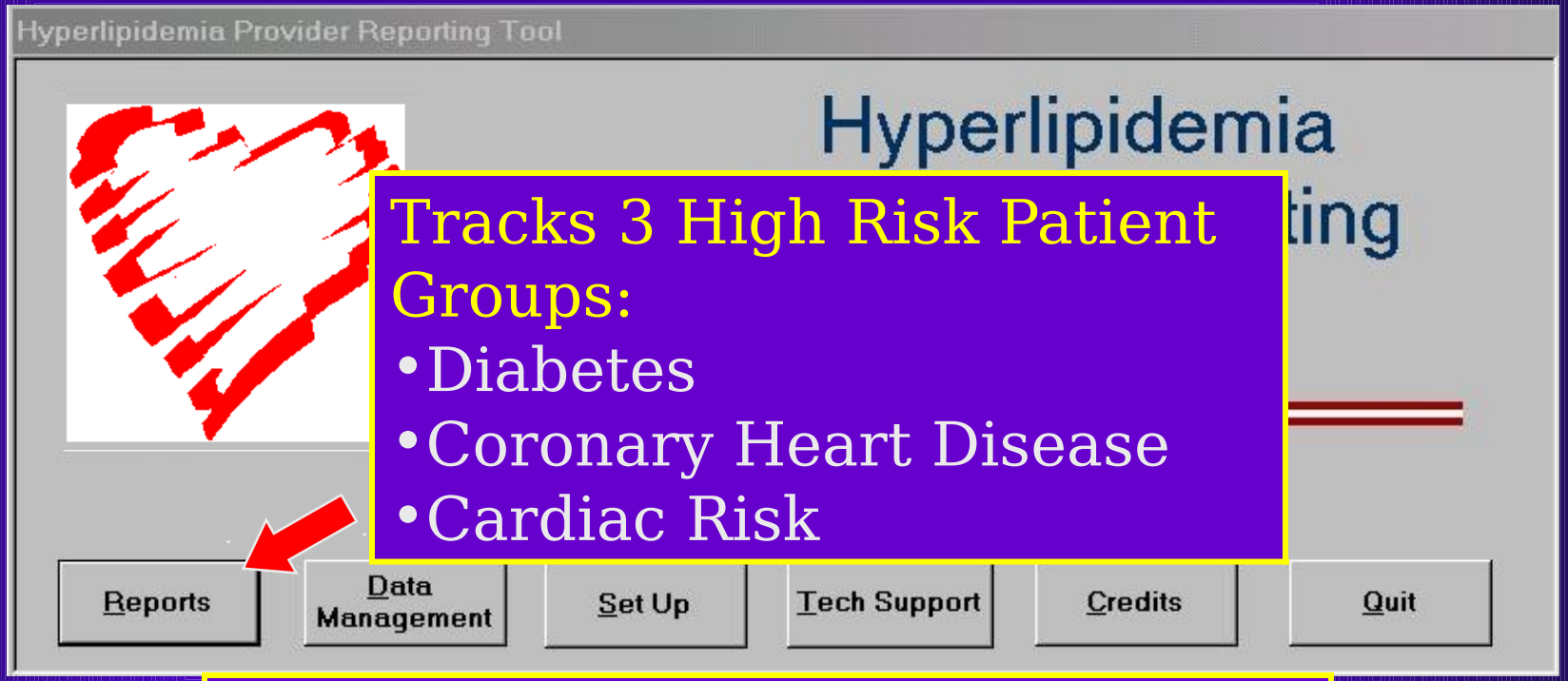
Serial Number JE00-SUS00-JN316





- Password Entry With 2 Levels of User Privileges
- Limited Database Security





Tracks 3 High Risk Patient Groups:

- Diabetes
- Coronary Heart Disease
- Cardiac Risk

Measures 4 Indicators:

- Mean LDL
- Mean Total Cholesterol
- LDL Control
- Use of Pharmacotherapy in Hyperlipidemia

Reports

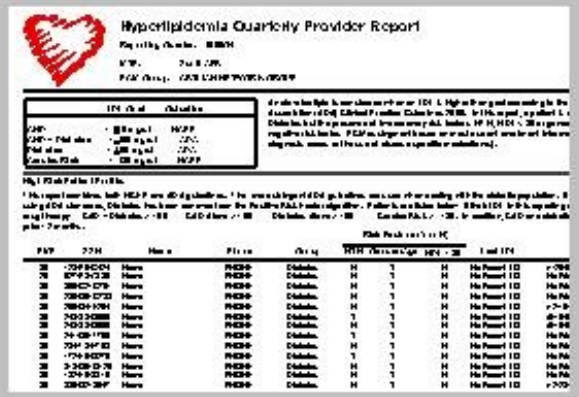
Select Which Report You Want To Preview?

Trend Report

Quarterly Summary Report

High Risk Detail Report

Preview Risk Report



Return to Main Menu

Quit

Hyperlipidemia Quarterly Provider Report

Reporting Quarter: 2001Q2

MTF: US Military Medical Center

PCM: FAMILY PRACTICE IV

Contact Information

Department: Population Health

Point of Contact: Paul Faculjak

Phone: (505) 857-0871

	LDL Goal	Guideline
CHD	< 100 mg/dl	NCEP ATP III
CHD + Diabetes	< 100 mg/dl	ADA 2001
Diabetes	< 100 mg/dl	ADA 2001
Cardiac Risk	< 130 mg/dl	NCEP ATP III

An elevated lipid level is defined as an LDL higher than goal according to the NCEP Adult Treatment Panel III guidelines and the American Diabetes Association (ADA) Clinical Practice Recommendations 2001. In ATP III, diabetes is regarded as a CHD risk equivalent. In this report a patient is considered "Cardiac Risk" in the absence of CHD and diabetes but in the presence of two or more major risk factors: HTN; HDL <40 mg/dL; demographic factors (male >44 yrs old; female >54 yrs old). HDL > 60 mg/dL is a negative risk factor. PCM assignment based on the most current enrollment information. CHD, Diabetes and HTN are identified based on two prior diagnosis codes or the use of disease-specific medication(s).

High Risk Patient Profile:

This report combines both NCEP and ADA guidelines. The more stringent A… eparately using ADA standards, Diabetes has been removed from the Positive Risk Factor alg… nitiating drug therapy. CHD + Diabetes > 100 CHD Alone > 100 Diabetes Alone … in the prior 12 months. "% Reduction" is the necessary reduction in LDL to meet goal.

ADA & NCEP ATP III Guidelines

FMP	SSN	Name	Phone	Group						
30	572-T2-F775	Name	PHONE	Diabetes	N	Y	N	(7/9/00) 155	35%	(11/24/01) FLUVASTATIN 20MG CAPSULE
30	529-T6-R824	Name	PHONE	Diabetes	N	Y	N	(6/28/00) 153	35%	No Prior Lipid Rx Filled
30	154-G4-G338	Name	PHONE	Diabetes	N	Y	N	(10/7/00) 140	29%	No Prior Lipid Rx Filled
20	482-Q2-R849	Name	PHONE	Diabetes	Y	Y	N	(12/21/00) 117	15%	No Prior Lipid Rx Filled
20	406-W0-P424	Name	PHONE	Diabetes	N	Y	N	(4/21/01) 116	14%	No Prior Lipid Rx Filled
20	406-W0-P424	Name	PHONE	Diabetes	Y	Y	N	(4/21/01) 116	14%	No Prior Lipid Rx Filled
20	526-Q2-R875	Name	PHONE	Diabetes	Y	Y	Y	(2/19/01) 115	13%	No Prior Lipid Rx Filled
20	526-Q2-R875	Name	PHONE	Diabetes	Y	Y	N	(2/19/01) 115	13%	No Prior Lipid Rx Filled
20	280-S4-Z625	Name	PHONE	Diabetes	N	Y	N	No Recent LDL		No Prior Lipid Rx Filled
30	371-G2-F639	Name	PHONE	Diabetes	N	Y	N	No Recent LDL		(12/8/01) PRAVASTATIN 20MG TABS

	LDL Goal	Guideline
CHD	< 100 mg/dl	NCEP ATP III
CHD + Diabetes	< 100 mg/dl	ADA 2001
Diabetes	< 100 mg/dl	ADA 2001
Cardiac Risk	< 130 mg/dl	NCEP ATP III

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	LDL Goal	Guidelir
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Cardiac Risk	< 130 mg/dl	CE

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egarded as a CHD risk equivalent. In this
sence of two or more major risk factors: HTN;
is a negative risk factor. PCM assignment
d on two prior diagnosis codes or the use of

Identifies High Risk Patients

High Risk Patient Profile:

This report combines both NCEP and ADA guidelines. The more stringent ADA guidelines are used when dealing with the diabetic population. Because the diabetic population is addressed separately using ADA standards, Diabetes has been removed from the Positive Risk Factor algorithm. Patients are listed below if their LDL in this reporting quarter was higher than the following thresholds for initiating drug therapy: CHD + Diabetes > 100 CHD Alone > 100 Diabetes Alone > 100 Cardiac Risk >= 130. In addition, CHD and diabetic patients are listed if they have not had an LDL test in the prior 12 months. "% Reduction" is the necessary reduction in LDL to meet goal.

					Risk Factors (Y or N)					
FMP	SSN	Name	Phone	Group	HTN	Gender/Age	HDL < 40	Last LDL	% Reduction	Last Lipid Lowering Agent Filled
30	572-T2-F775	Name	PHONE	Diabetes	N	Y	N	(7/9/00) 155	35%	(11/24/01) FLUVASTATIN 20MG CAPSULE
30	529-T6-R824	Name	PHONE	Diabetes	N	Y	N	(6/28/00) 153	35%	No Prior Lipid Rx Filled
30	151-G4-G338	Name	PHONE	Diabetes	N	Y	N	(10/7/00) 140	29%	No Prior Lipid Rx Filled
20	482-Q2-R849	Name	PHONE	Diabetes	Y	Y	N	(12/21/00) 117	15%	No Prior Lipid Rx Filled
20	406-W0-P424	Name	PHONE	Diabetes	N	Y	N	(4/21/01) 116	14%	No Prior Lipid Rx Filled
20	406-W0-P424	Na								
20	526-Q2-R875	Na								
20	526-Q2-R875	Na								
20	280-S4-Z625	Na								
30	371-G2-F639	Na								N 20MG TABS

Useful Information For Patient Follow-Up

Reports

Select Which Report You Want To Preview?

Report Type

Trend Report

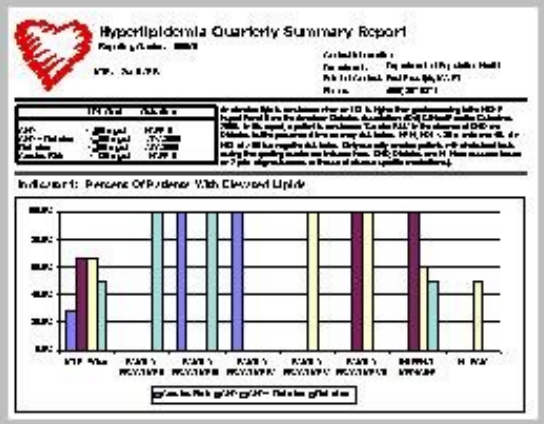
Avg LDL

Quarterly Summary Report

Reporting Period

High Risk Detail Report

2001Q2



Return to Main Menu

Quit

Hyperlipidemia Quarterly Summary Report

Comparison Of Indicator Performance at Primary Care Clinics Across 3 High Risk Groups

Patients included in
"Cardiac Risk" in th
(male >44 yrs old; f
CHD, Diabetes and

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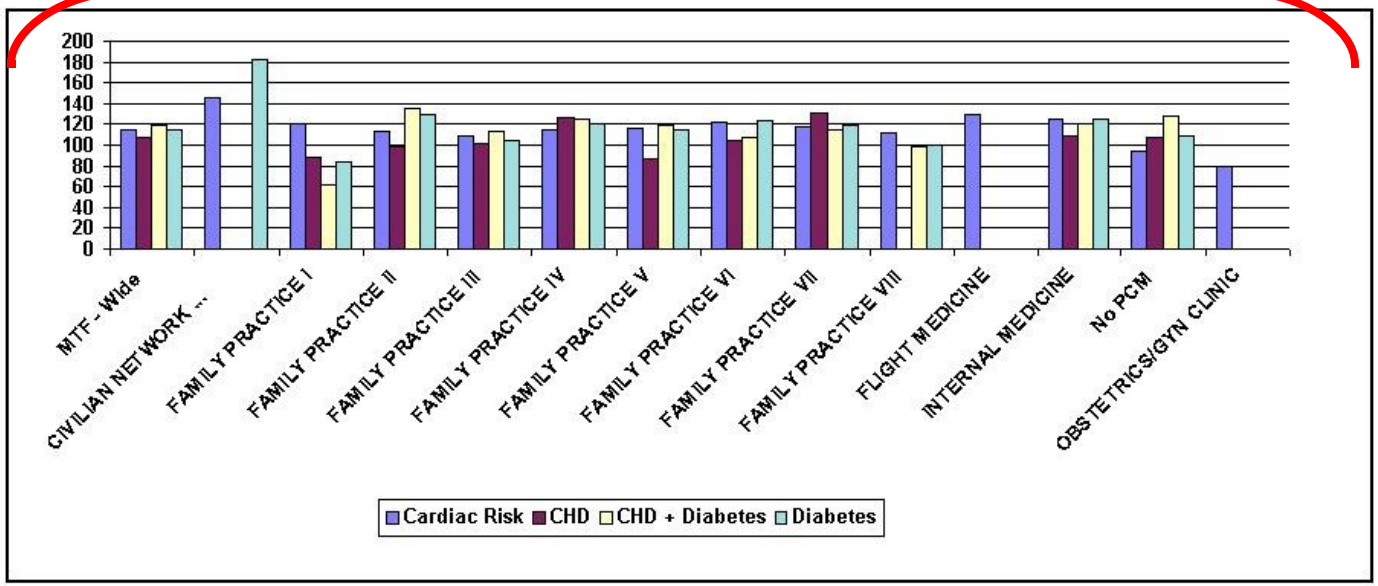
formation.

Indicator 2:



PCM	Group	Mean LDL	St Dev	Total # Pts
MTF - Wide	Cardiac Risk	115.4	34.9	216
MTF - Wide	CHD	106.6	37.3	45
MTF - Wide	CHD + Diabetes	118.7	38.6	91
MTF - Wide	Diabetes	114.0	35.3	80
CIVILIAN NETWORK GROUP	Cardiac Risk	145.0		1
CIVILIAN NETWORK GROUP	Diabetes	182.0		1
FAMILY PRACTICE I	Cardiac Risk	121.3	26.8	12

Reports

Select Which Report You Want To Preview?

Report Type

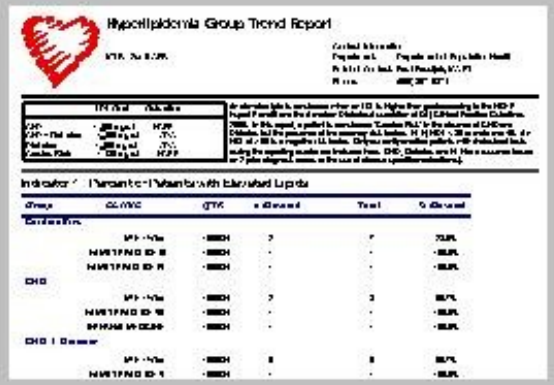
Trend Report

Quarterly Summary Report

High Risk Detail Report

- LDL Control
- Avg LDL
- Avg Chol
- Pharmacy Use

Trend Reports



Return to Main Menu

Quit

Hyperlipidemia Group Trend Report

LDL Control

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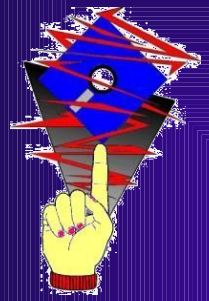
Quarterly Tracking Of Indicator Performance at Primary Care Clinics Across 3 High Risk Groups

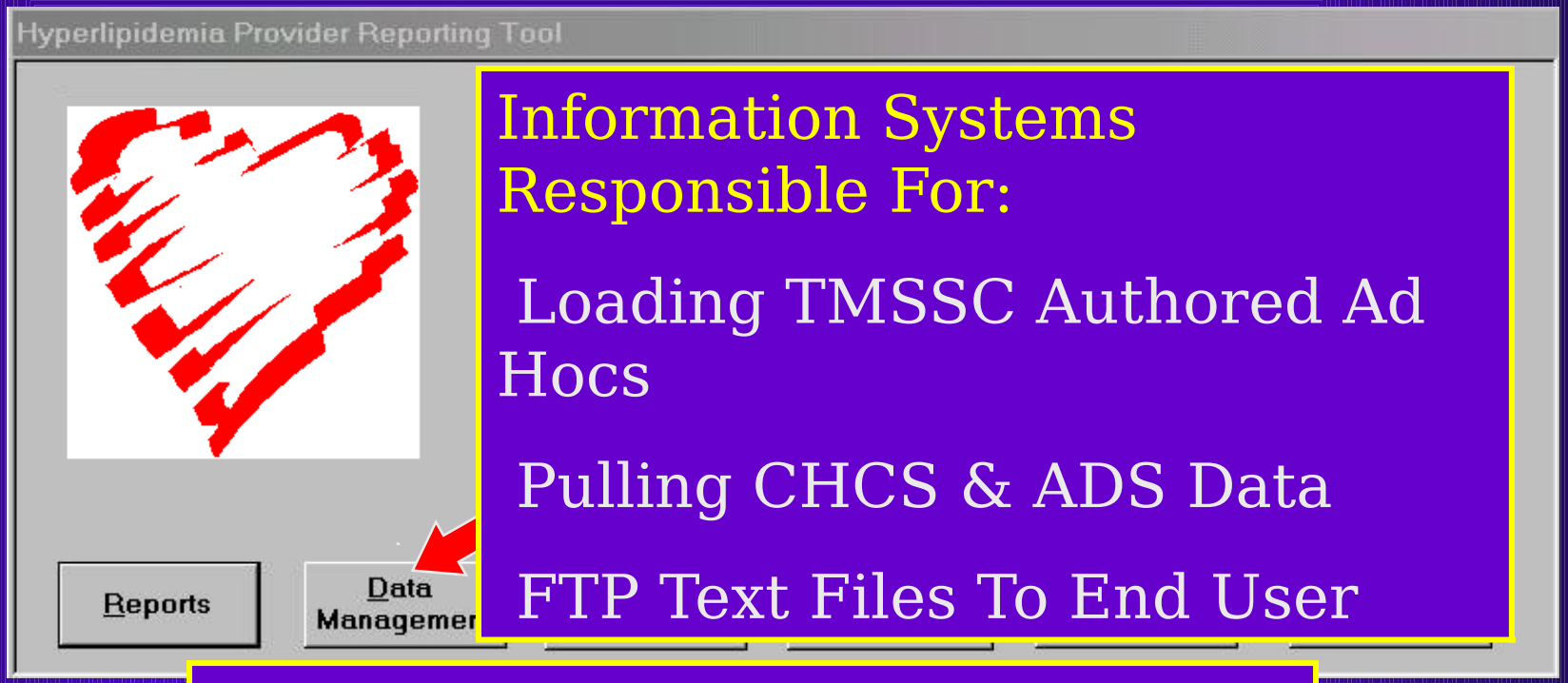
CHD
CHD + Diabetes
Diabetes
Cardiac Risk

ccording to the NCEP Adult sociation (ADA) Clinical rded as a CHD risk equivalent. ence of CHD and diabetes but <40 mg/dL; demographic factors negative risk factor. PCM assignment based on the most current enrollment information. CHD, Diabetes and HTN are identified based on two prior diagnosis codes or the use of disease-specific medication(s).

Indicator 1: Percent of Patients with Elevated Lipids

Group	PCM	QTR	# Elevated	Total	% Elevated
Cardiac Risk					
	MTF - Wide	1999 Q3	53	175	30.3%
	MTF - Wide	1999 Q4	58	199	29.1%
	MTF - Wide	2000 Q1	71	194	36.6%
	MTF - Wide	2000 Q2	96	215	44.7%
	MTF - Wide	2000 Q3	179	380	47.1%
	MTF - Wide	2000 Q4	106	266	39.8%
	MTF - Wide	2001 Q1	230	440	52.3%
	MTF - Wide	2001 Q2	74	216	34.3%
CHD					
	MTF - Wide	1999 Q3	39	71	54.9%
	MTF - Wide	1999 Q4	58	90	64.4%
	MTF - Wide	2000 Q1	71	108	65.7%



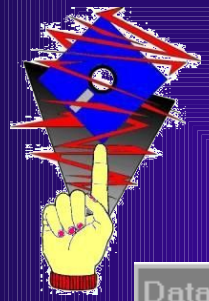


Information Systems Responsible For:

- Loading TMSSC Authored Ad Hocs
- Pulling CHCS & ADS Data
- FTP Text Files To End User

End User Responsible For:

- Loading Software
- Loading CHCS & ADS Data Files
- Generating Reports



Keep Track Of Previous Updates

Data Management

Data Type

- Inpatient
- Outpatient
- Laboratory
- Pharmacy
- Enrollment
- Comorbidities

Reset Form

5 Data Types To Load, Formatted in MS Access

LAST UPDATE

Inpatient	8/21/01	Pharmacy	8/21/01
Outpatient	8/21/01	Enrollment	8/21/01
Laboratory			8/24/01

Inpatient Date Range

1st Date: 11/16/99

Last Date: 1/16/01

les

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Quit

Data Management

Data Type

Inpatient
Outpatient
Laboratory
Pharmacy
Enrollment
Comorbidities

Data To Be Appended

LAST UPDATE

Inpatient 8/21/01 Pharmacy 8/21/01
3/21/01
8/24/01

Preview Data Being Added

Search For Specific Patients, Codes, Tests.....

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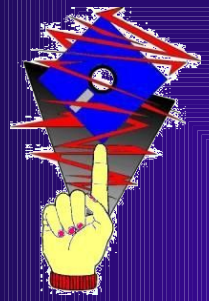
Reset Form

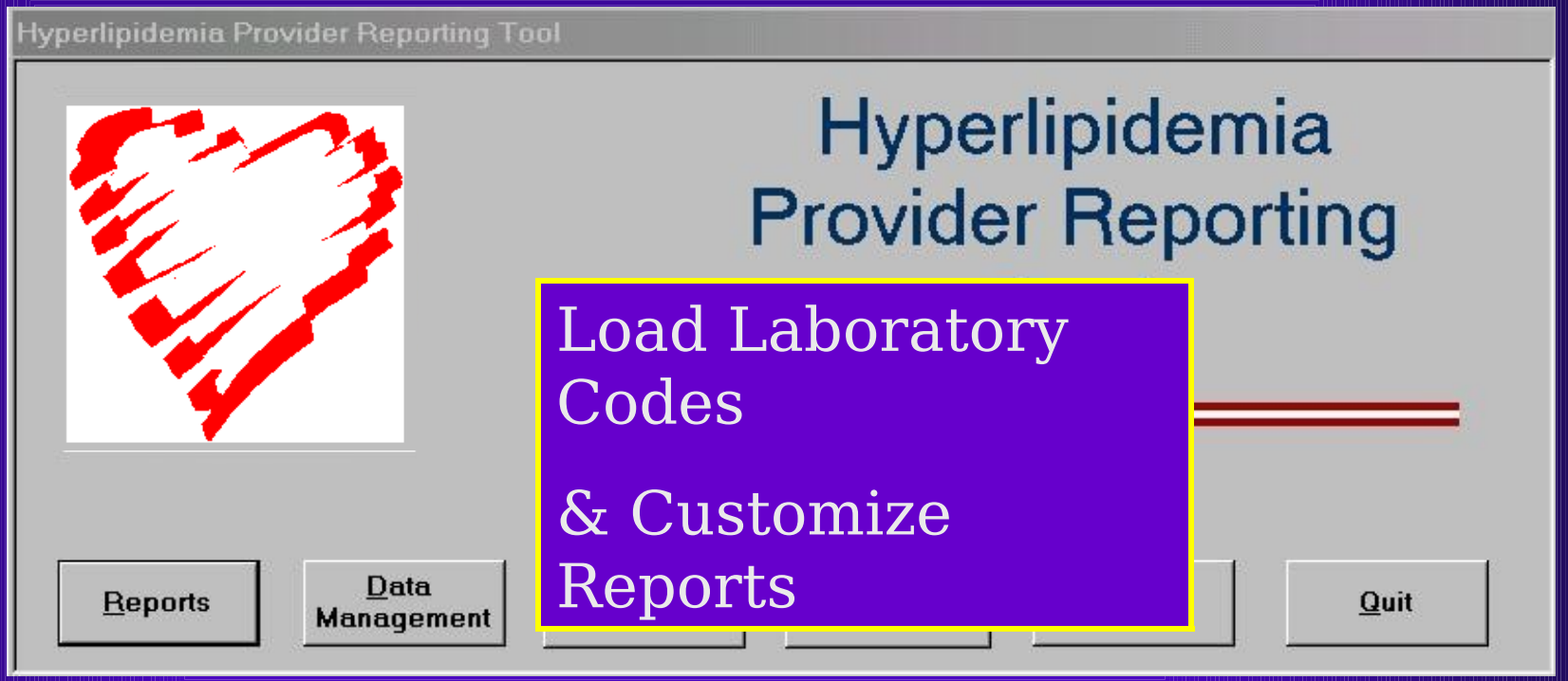
Add This Data

Quit

Date	FMP/SSN	Clinic Name	Diagnosis Code	Dx_Level
7/13/98	20/071-Q0-B758	OPTOMETRY	250.51	1
7/13/98	20/071-Q0-B758	OPTOMETRY	250.51	1
7/20/98	01/546-11-1421	PEDIATRICS CLINIC	401.0	1
7/27/98	30/530-14-B116	OPTOMETRY	250.51	1
7/30/98	30/550-S0-T936	OPHTHALMOLOGY	250.50	1
8/11/98	01/213-S6-R623	OPHTHALMOLOGY	250.50	1
8/11/98	20/235-B0-G019	EMERGENCY CLINIC	411.1	1

Record: 1 of 44




Hyperlipidemia Provider Reporting Tool
Hyperlipidemia
Provider Reporting
Load Laboratory Codes
& Customize Reports
Reports
Data Management
Quit

Program Set Up

Select Chol, LDL & HDL Tests To Use By CHCS

Database Serial Number: JE00-SUS00-JN316

IEN	PRINT NAME	Include	Lab Test
2862	BF-CHOL	☑	Cholesterol
183	CHOL	☑	Cholesterol
3269	D-LDL	☑	LDL
3253	DIRECT LDL	☑	LDL
244	HDL	☑	HDL
3220	LDL	☑	LDL
1740	LDL CHOL	☑	LDL

Record: ⏮ ◀

Accept Lab Tests

Load All Lab Tests

Undo Changes

Return to Main Menu

Change Drive Letter

Quit

Identify Lab “IEN’s” for LDL, HDL & Cholesterol

Program Set Up

Complete The Entries As They Will Appear On Reports

Database Serial Number: JE00-SUS00-JN316

Name of Military Treatment Facility	US Military Medical Center
Department Generating Reports	Population Health
Point of Contact for Questions	Paul Faculjak
Phone Number for Point of Contact	(505) 857-0871
Email Addressl:	Paul@DataIntegritySolutions.com
Street: Address	8021 Corona Ave NE
City:	Albuquerque
State:	NM
Zip:	87122-

Lab Test Set Up

Drug List Set Up

Set Password

Undo Changes

Return to Main Menu

Change Drive Letter

Quit

- Locate Database Serial Number
- Add User Information

Program Set Up

Check The Lipid Lowering Drugs You Want Included

Database Serial Number: JE00-SUS00-JN316

Include	DRUG
☑	GEMFIBROZIL 600MG TABS
☑	LOVASTATIN 20MG TABS
☑	PRAVASTATIN 10MG TAB
☑	PRAVASTATIN 20MG TABS
☑	PRAVASTATIN 40MG TAB
☑	SIMVASTATIN 40MG TAB
☑	SIMVASTATIN 20MG U/D TAB--PO 20MG TAB
☑	SIMVASTATIN 20MG TABS

Record: 1 of 22

Lab Test Set Up

User Set Up

Set Password

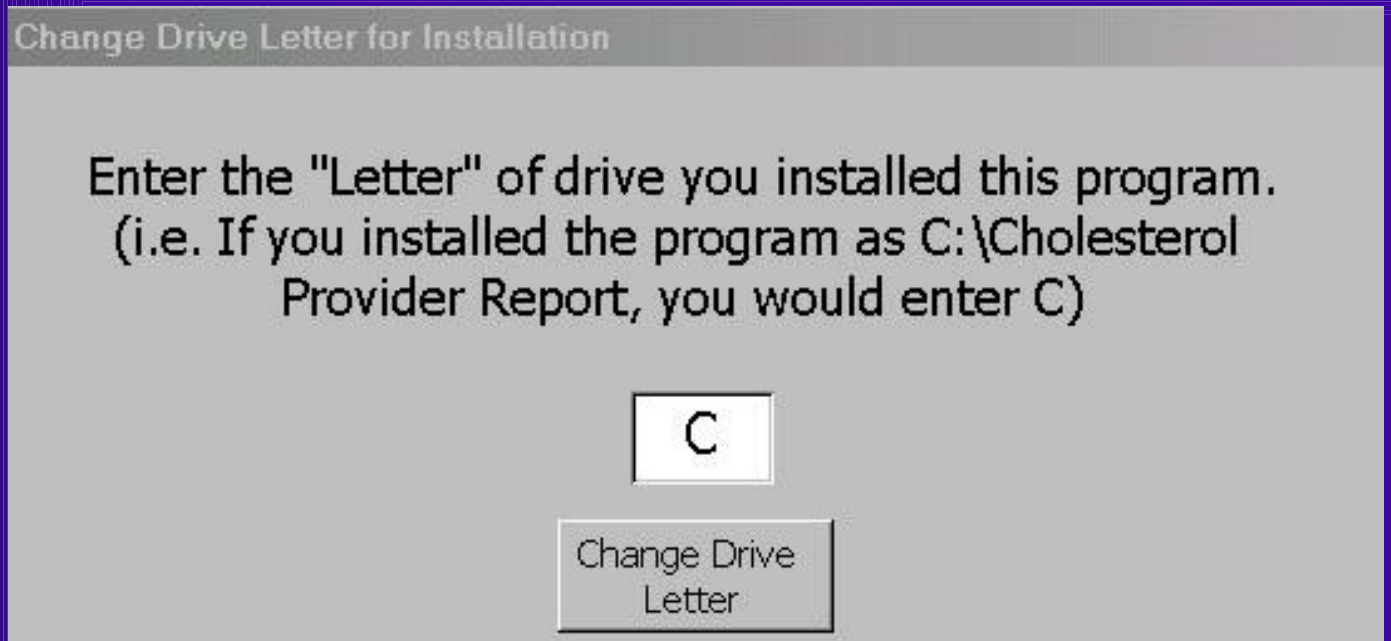
Undo Changes

Return to Main Menu

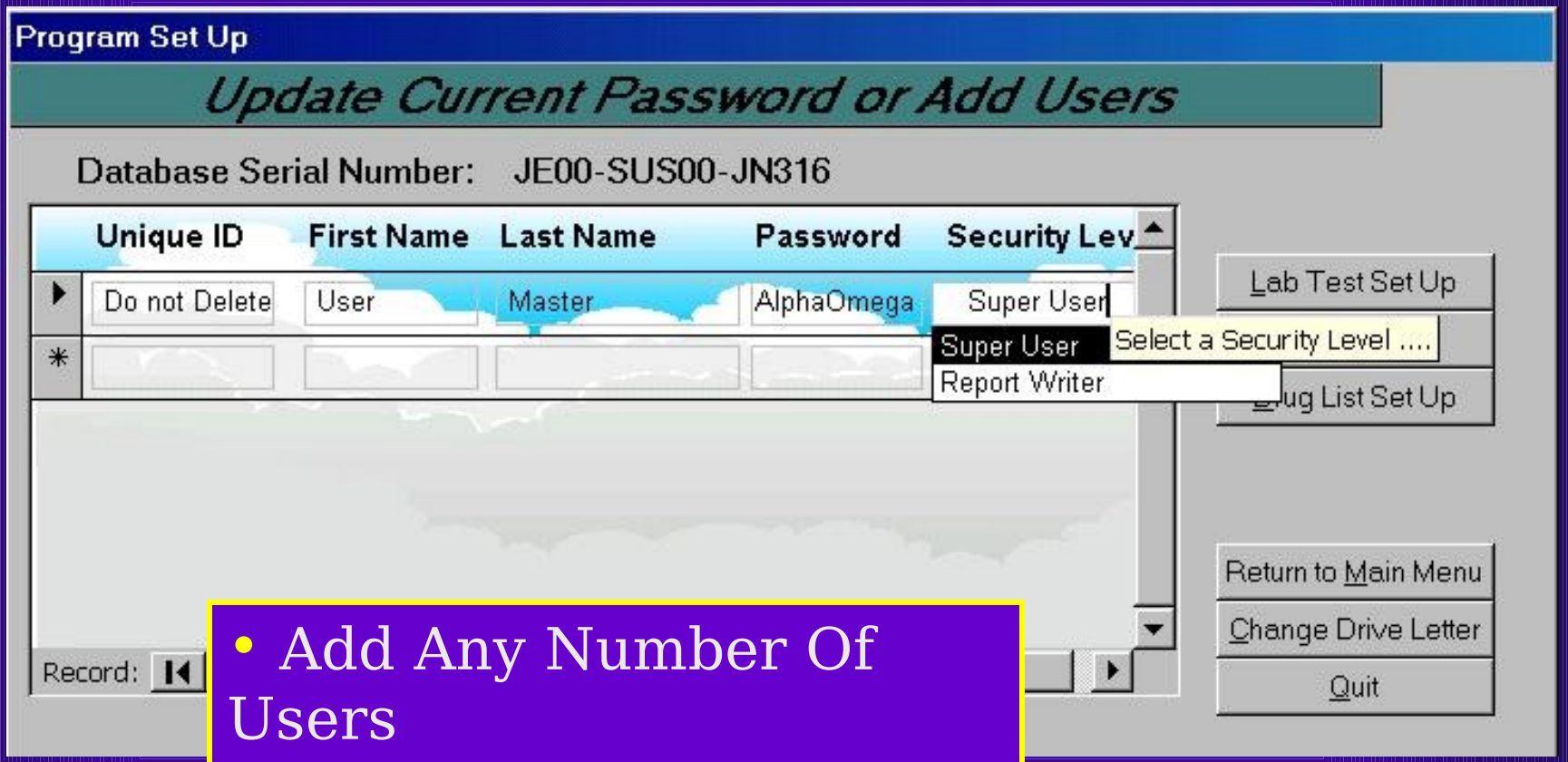
Change Drive Letter

Quit

Include/Exclude Lipid Agents
To Use In Reports


Change Drive Letter for Installation
Enter the "Letter" of drive you installed this program.
(i.e. If you installed the program as C:\Cholesterol Provider Report, you would enter C)
C
Change Drive Letter

The database must be installed in directory \Cholesterol Provider Report\, but can be loaded onto any letter drive.



- Add Any Number Of Users
- Two Security Levels

Data Integrity Solutions Role

- Provide Software Application & Manuals
- Work Through Project Lead
- Coordinate Loading and Running Of Ad Hocs
- On Site Software Installation & Loading Of 2 Years Of Data
- Technical Assistance Through 2 Quarterly Data Updates

www.DataIntegritySolutions.com/TechnicalSupport

Data Integrity Solutions, Inc

Providing PC Based Data Solutions

To The Healthcare Arena

Technical Support

Home | Registration | FAQ

Registration
FAQ

Hyperlipidemia Provider Reporting Tool 2.0

Serial Number JE00-SUS00-JN316